



Tracker requirements For clock & controls

E. Hazen



Tracker Requirements



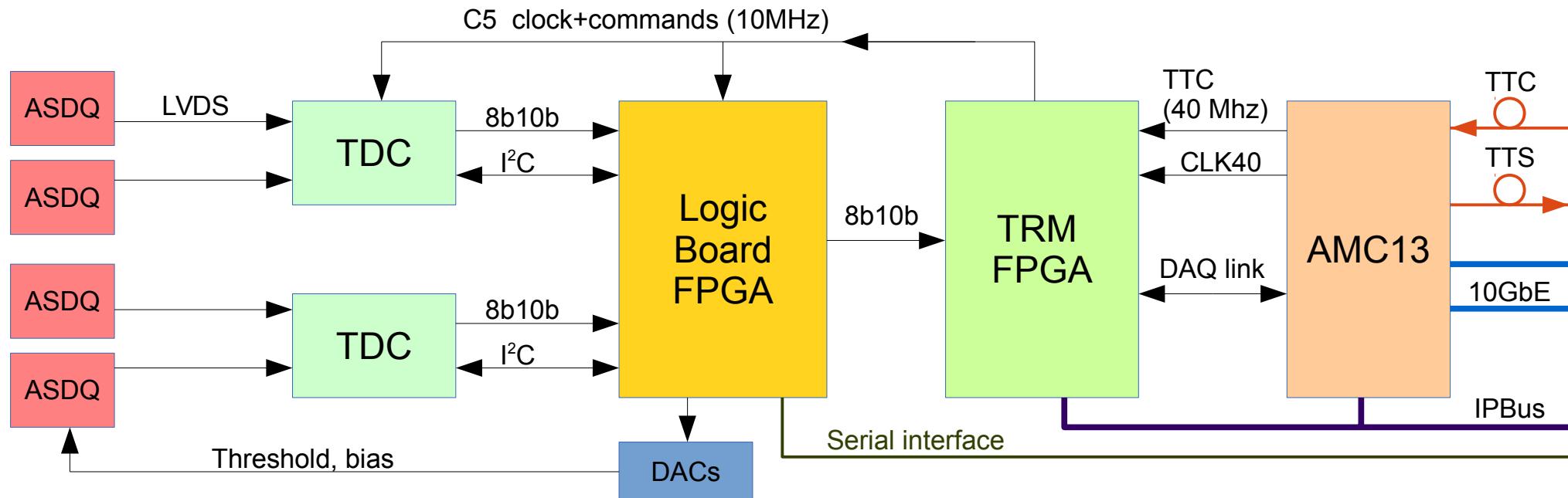
- Optical (TTC) distribution to AMC13 in tracker uTCA crate
- “Standard” suite of control commands:
 - Start of Spill (CMS=L1A)
 - Spill number reset (CMS=ECR)
 - Time stamp reset (CMS=OCR)
 - Spill type (1...n)
- Time resolution of 25ns is perfectly fine



Tracker Readout

BOSTON
UNIVERSITY

Physical Connections



Logical Connections

For Further Discussion...

Run control
Set run parameters

Slow controls
Temp/press
voltage readout

Fast controls
Start spill / type
Reset

Buffer Status

DAQ Data

